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	AM	Wells, "Additivity o	of Mutational E	ffects in Proteins"	, Bio	chemistry, 29:8507-	17				
	AN	Ngo et al., "The Com Folding Problem and								otein	
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254	-	Westhusin, Mark; "From mighty mice to mighty cows"; Nature Genetics, Vol. 17, September 1997, pgs. 4-5 Grobet, et al.; "A deletion in the bovine myostatin gene causes the double-muscled phenotype in cattle"; Nature																

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Genetics, Vol. 17, September 1997, pgs. 71-74

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